

ABSTRACT

The invention provides an apparatus for conditioning a organic fluid for subsequent use in a medical procedure. The apparatus includes a cabinet having a secure environment and a door providing the only access to the environment. An input system is provided for transporting a organic fluid charge from a source to the cabinet and a container is removably contained in the secure environment and coupled to the charge input system to receive the charge. Stressors are coupled to the cabinet and positioned for operation to create a conditioned charge in the container. An output system is coupled to the container and includes a receiver for the conditioned charge. The apparatus includes an automated control system operable upon closing the door to lock the door and to then condition the charge, and to then cause the charge to move from the container to the receiver. As a result, a charge from the input system is conditioned and delivered to the receiver, the door is then unlocked and the conditioned charge is ready to be removed and used to complete the medical procedure.